

High School Science

Summer Assignment

The science department courses are using either Khan Academy for their summer assignments or have the assignments posted on the teacher websites.

Please see the list below for where to go for your summer assignment.

If you are using Khan Academy:

Begin by signing up for one online at <https://www.khanacademy.org/login>

Your username must be in the form: “last name, first name” so we can identify each account easily.

Please provide an e-mail address with your account so we can contact you throughout the summer, if necessary. If you have an existing account, please change your username to fit this format (this can be done in “settings”).

Register for a “coach” by June 10th by entering the class code corresponding to your class below.

Advanced Chemistry:	G3E3SV
Advanced Physics:	2SEM9J
AP Physics 1 Mechanics:	245P49
AP Physics 2 E & M:	BZWJ3P

Students that earn a grade of 90% or higher on the prerequisite **FINAL EXAM** this school year will be exempt from completing the summer assignment for the following courses: Advanced Chemistry(Pre-requisite Algebra 1), Advanced Physics (Pre-requisite Algebra 2). There is no exemption for the AP Chemistry, AP Biology, AP Physics or Advanced Biology 1 summer assignments. If the prerequisite course was not taken during the 2014-2015 school year, the summer assignment must be completed. Students that are exempt from the summer assignment will be notified. If you are not contacted, you are required to complete the assignment. If you believe you should be exempt and have not been contacted, notify one of the people at the bottom of this letter for clarification.

On June 11th, you will be assigned a set of skills that must be **mastered** by August 31st.

Each skill on Khan Academy advances through 4 levels: “practiced,” “level 1,” “level 2,” and “mastered.” You must successfully complete a mastery challenge to reach the next level. You must wait at least 16 hours to attempt the next level after successful completion of the current level. This does not mean that you cannot work on another required skill during that time. You should complete each skill recommended by your coach and complete “Mastery Challenges” to improve your level on each skill. You can complete multiple “Mastery Challenges” in a row, which will reduce time spent on the assignment. Start as soon as you can and ask questions if you come across any problems.

This assignment will count as a quiz grade and there will be a test on the material during the first week of class.

The site sometimes has a pop-up for a donation to Khan Academy. You are not required to do this in order to use the site for free. Simply exit out of or skip that screen and continue to the main site. You may also receive an e-mail with the same information which can be deleted without affecting user privileges.

The following courses have summer assignments on the teacher's website. Please click on the link below to find the assignment for your course:

AP Chemistry: Ms. Dutra <http://millville.uncoursesystems.com/websites/302107>

AP Biology: Mr. LaTorre <http://millville.uncoursesystems.com/websites/11234431>

Advanced Bio 1 Mr. Clarke and Ms. Bowen <http://millville.uncoursesystems.com/websites/9765>

Questions or problems, contact: Mr. Ray Jacobs: ray.jacobs@millvillenj.gov